

REPLACEMENT SHEET

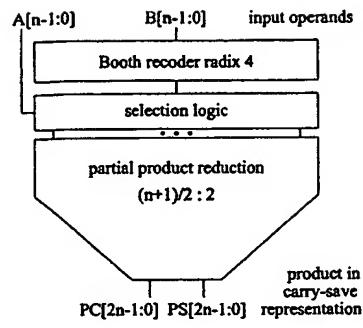


Figure 1A
-Prior Art-
Block diagram of partial product generation for prior art Booth radix-4 multiplier

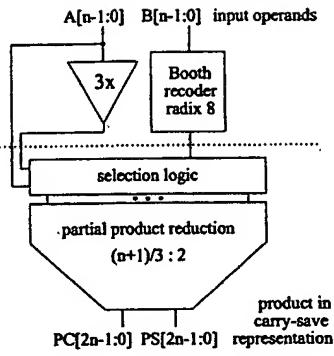


Figure 1B
-Prior Art-
Block diagram of partial product generation for prior art Booth radix-8 multiplier

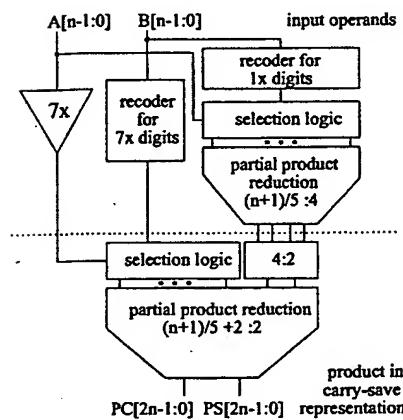


Figure 2A
Simplified block diagram of partial product generation for radix-32 recoding with precomputation of 7x multiplicand

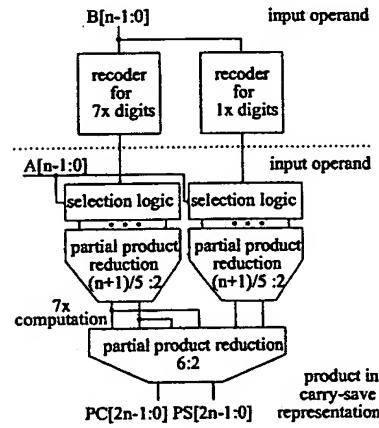


Figure 2B
Simplified block diagram of partial product generation for preferred embodiment radix-32 encoding with postcomputation by 7x multiplier